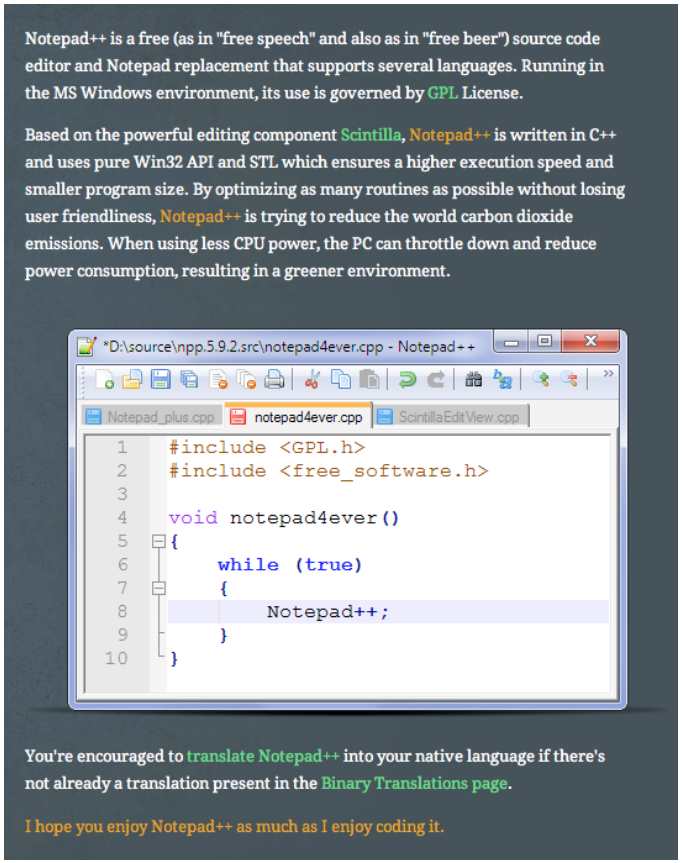
EDITORs

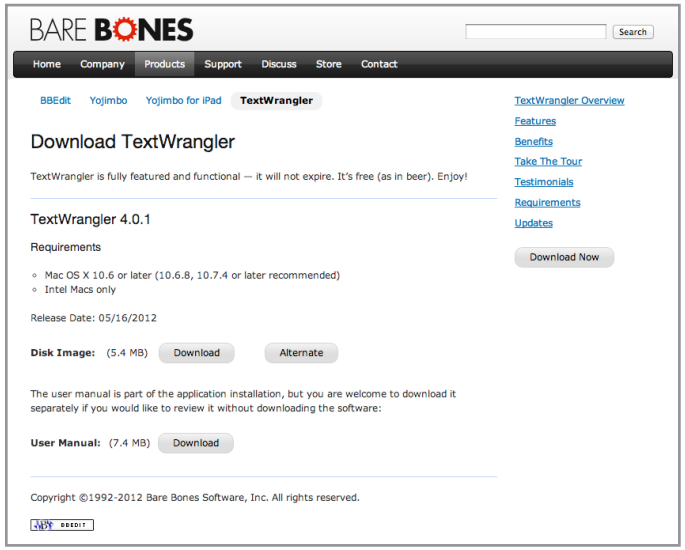
Before we start HTML and CSSing, you need to be at the ready with a good text editor.

A text editor is **not** (also) a word editor (like MS Word) **nor** is it the same as an html editor (like Dreamweaver). And, contradictory to what many think, Notepad (PC) and TextEdit (Mac) are **not** text editors.

If you are comfortably set with a good text editor, don't change for something new. If you are not, **please go fetch either one of these:**


Notepad++ is a free (as in "free speech" and also as in "free beer") source code editor and Notepad replacement that supports several languages. Running in the MS Windows environment, its use is governed by GPL License.
Based on the powerful editing component Scintilla, Notepad++ is written in C++ and uses pure Win32 API and STL which ensures a higher execution speed and smaller program size. By optimizing as many routines as possible without losing user friendliness, Notepad++ is trying to reduce the world carbon dioxide emissions. When using less CPU power, the PC can throttle down and reduce power consumption, resulting in a greener environment.
*D:\source\npp.5.9.2.src\notepad4ever.cpp - Notepad++
Notepad_plus.cpp
notepad4ever.cpp
ScintillaEditView.cpp
#include <GPL.h>
#include <free_software.h>
void notepad4ever()
{
while (true)
{
Notepad++;
}
}
You're encouraged to translate Notepad++ into your native language if there's not already a translation present in the Binary Translations page.
I hope you enjoy Notepad++ as much as I enjoy coding it.

PC: *Notepad++ Documentation* (~ tutorials)



Mac: *TextWrangler User Manual* (~ tutorial)

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HTML IS ALL ABOUT TAG SETS

... which begins with a <>
and ends with a </>

<html> & </html>
<head> & </head>
<body> & </body>
 & ... etc.

HTML

provides structure

elements

container

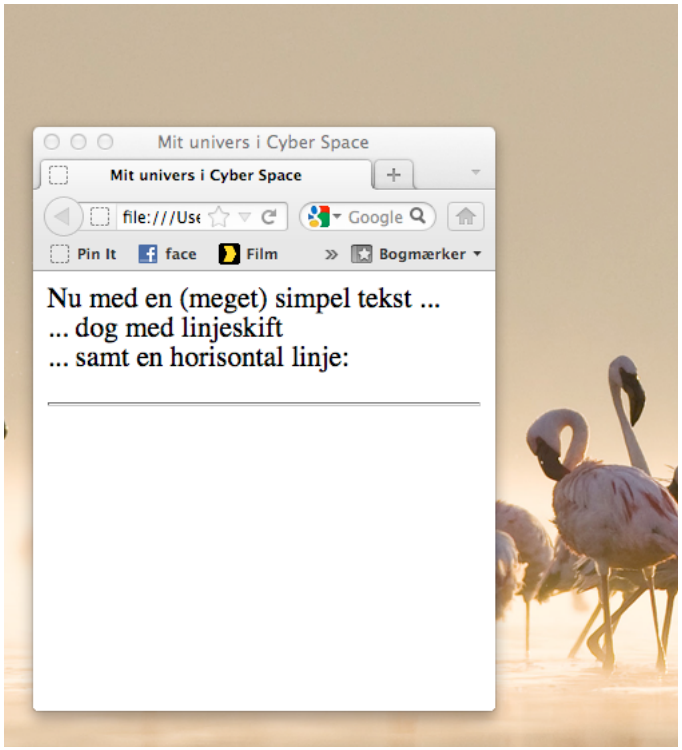
```
<html>
  <head>
    <title>Mit univers i Cyber Space</title>
  </head>
  <body>
    <p>Nu med en (meget) simpel tekst</p>
  </body>
</html>
```

CSS (LATER)

provides looks

JAVASCRIPT (EVEN LATER)

provides action



EXERCISE A

a safe haven in cyber space

Open your text editor, and write the 8 code lines above. Save your document as **index.html** on your desk, double click it and see what happens ...

EXERCISE B

standalone TAGS

Right (PC) or ctrl (Mac) click your index document for editing your code.

If you double click to open index.html it will open in a browser. If that is what you want – fine. If you wanted to edit you code – not so fine.

Now extend your code document with '**the green tekst**' to the right (i.e. a little content, and two stand alone tags). Be precise ...

Save, double click and have a look-see ...

```
<html>
  <head>
    <title>Mit univers i Cyber Space</title>
  </head>
  <body>
    <p>Nu med en (meget) simpel tekst ...
    <br />... dog med linjeskift
    <br />... samt en horisontal linje:
    <hr />
    </p>
  </body>
</html
```

NB! NB! NB!

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'don't let anything (IT) drive you crazy when you know it's walking distance'

FOR HTML / CSS ROOKIES

Check out this great HTML school

– take it from the top and chew through it
– just do it :o)

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TAGS U JUST NEED 2 KNOW

Linguistics:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML
1.0 Transitional//EN" "http://www.w3.org/TR/
xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
```

Header, Meta, Title:

```
<head>
    <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
    <title>put title here</title>
</head>
```

CSS include (place below title tag):

```
    <link href="filename.css" rel="stylesheet"
type="text/css"/>
```

Link for internal page:

```
<a href="filename.htm">put text above link for
internal page here</a>
```

Link for external page:

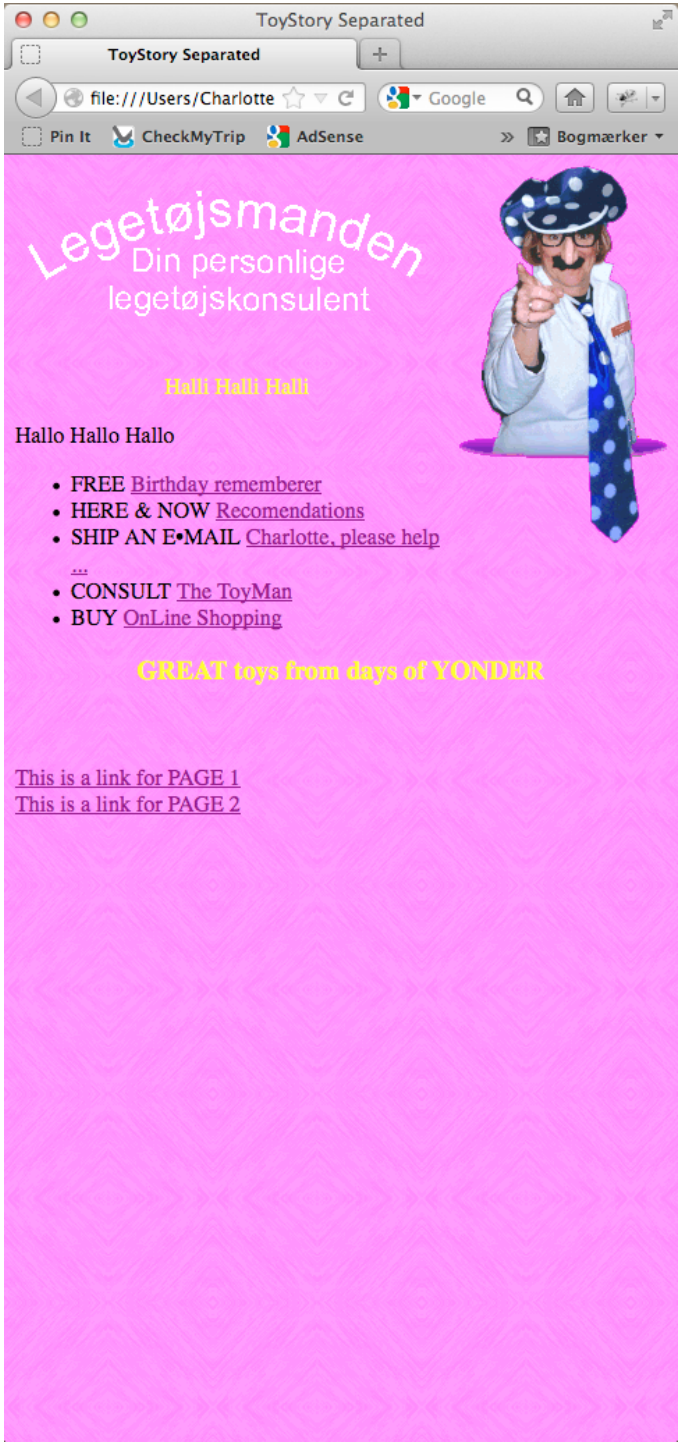
```
<a href="http://URL/">put text above URL for
external page here</a>
```

Link for e-mail address:

```
href="mailto:mailaddress@URL">put text above
mail address here</A>
```

Link for images:

```
<img src="folder/filename.filetype" align=right>
```



THINGS U MAY WANT 2 KNOW

- *HTML vs HTM*
- Overwriting vs Overriding
- *DOCTYPE declaration ...!*
- SEO & Title Tags
  - *Jill Whalen*
  - *Justin Mifsud*
  - Don't make them *too long* either
- SEO & Meta Tags
  - *Jill Whalen*
  - ... *and again*
  - ... but *don't bother with the Keyword Tag*
- *Separation is Queen* – *or is it?*

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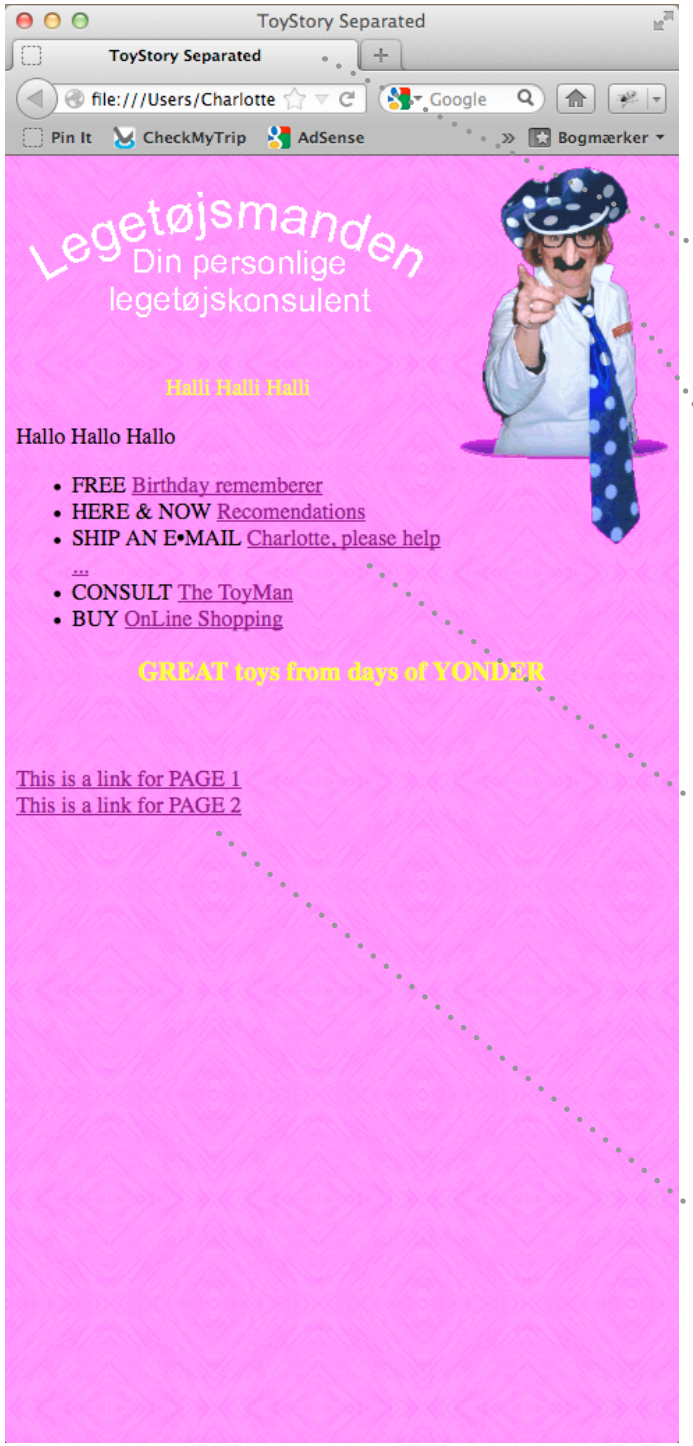



```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
    <title>ToyStory Separated</title>
    <link href="toystorystyle.css" rel="stylesheet" type="text/css"/>
</head>
<body background=files/baggrund.gif>
    <img src="files/legemand.gif" align=right>
    <img src="files/logo.gif" align=top>
    <p class="center">Halli Halli Halli</p>
    <p>Hallo Hallo Hallo</p>
    <ul>
        <li>FREE <a href="files/husk.htm">Birthday rememberer</a></li>
        <li>HERE & NOW <a href="files/anbefales.htm">Recomendations</a></li>
        <li>SHIP AN E•MAIL  <a href="mailto:charlotte@theslyfly.com">Charlotte, please help ...</a></li>
        <li>CONSULT <a href="files/konsulter.htm">The ToyMan</a></li>
        <li>BUY <a href="http://shop.lego.com/en-DK/">OnLine Shopping</a></li>
    </ul>
    <h3 class="center">GREAT toys from days of YONDER</h3>
    <br /><br />
    <a href="page1.htm">This is a link for PAGE 1</a>
    <br />
    <a href="page2.htm">This is a link for PAGE 2</a>
</body>
</html>
```

GUIDE LINES

Following guide lines, rules of thumb, having a common understanding – those things are important when writing code, because ...?

Choosing and developing your own style is also important, however, because ...?

EXERCISE C

Clean up your code

As for THE CODE

Some say, that code should be written beautifully, and as such it is poetry, – an art form.

Wikipedia on programming style

What beautiful HTML code looks like – Chris Coyier (the whole blog is great for HTML / CSS enthusiasts!)

An overview – PNG format

EXERCISE D

Add a few pictures and maybe a background of some sort.
Make sure that you keep your ducks in a row (i.e. develop a suitable file structure.

As for THE FILES

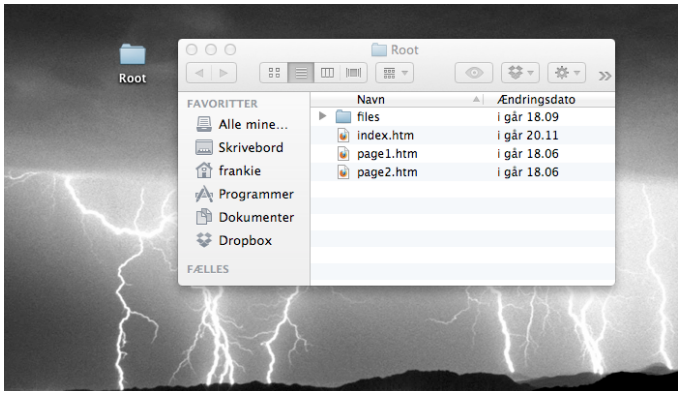
'Web pages – in their nature – relies on understanding where other files are'

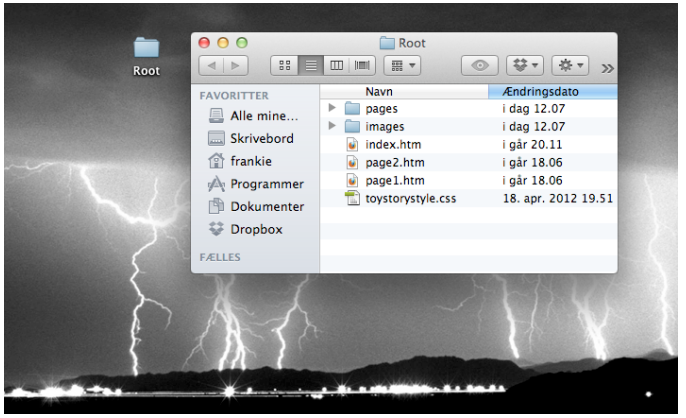
– *James Williamson, lynda.com*

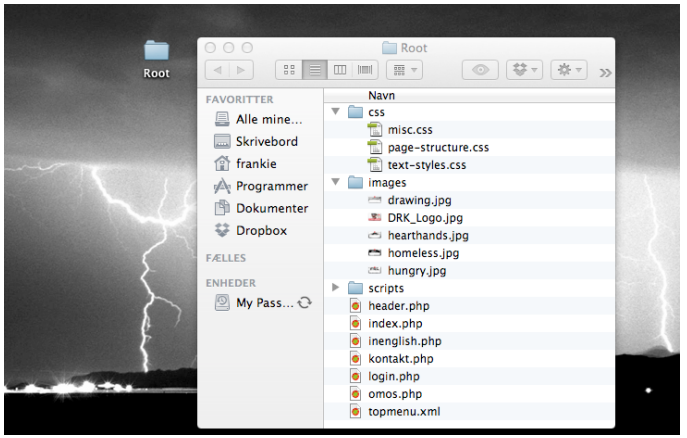
If you are sloppy about distributing your web site files into a suitable amount of file folders, chances are, that you will loose your bearings at some point. Also, a bad – or non existent – file folder system will make it much harder for your team mates to contribute or help.

If you are sloppy about maintaining your code as you develop your file folder system, chances are, that connections will get lost, which will annoy your site visitors. And that is something you don't want. Site visitors are a gift, and they should not be bothered in any way.

Renny Gleeson, TED Talks: *404, the story of a page not found*







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CSS • BASICS

rule

p {color: pink;}

selector → h1 {text-align: center;}

h2 {font-style: italic;}

property value

declaration

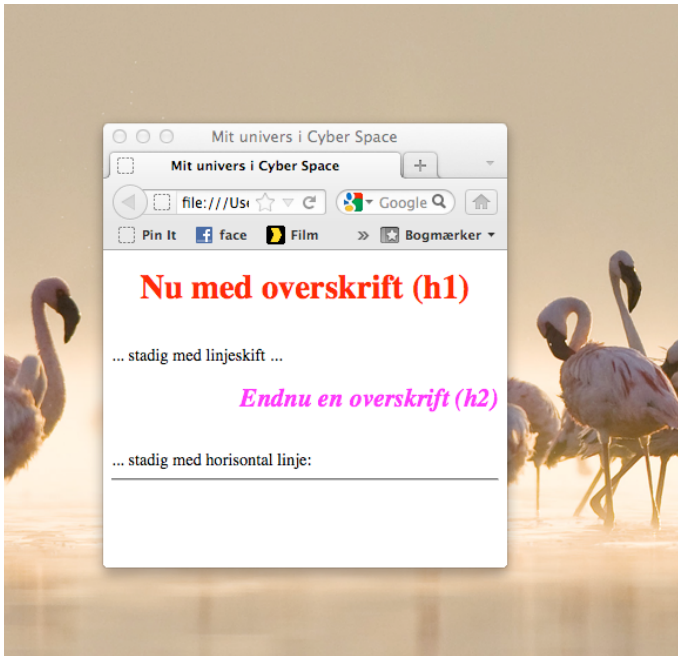
colon!

semi colon ...

space!

no space

quotation marks ...


Mit univers i Cyber Space
Mit univers i Cyber Space
Nu med overskrift (h1)
... stadig med linjeskift ...
Endnu en overskrift (h2)
... stadig med horisontal linje:

GUIDELINES

Reminder: Beautifully written HTML code

SMASHING on the subject – *70 expert ideas*

SimpLESS – *download* this useful helper, if you will

Mit univers i Cyber Space
Mit univers i Cyber Space
Nu med overskrift (h1)
... stadig med linjeskift ...
Endnu en overskrift (h2)
... stadig med horisontal linje:

```
h1
  {
    text-align: center;
    color: red;
  }

h2
  {
    font-style: italic;
    text-align: right;
    color: magenta;
  }
```

```
<html>
  <head>
    <title>Mit univers i Cyber Space</title>
    <style type="text/css">    </style>
  </head>
  <body>
    <p>
        <h1>Nu med overskrift (h1)</h1>
    <br />... stadig med linjeskift ...
        <h2>Endnu en overskrift (h2)</h2>
    <br />... stadig med horisontal linje:
    <hr />
    </p>
  </body>
</html>
```

CSS ENHANCED

Smashing CSS tags

Coding Q&A With Chris Coyier: Responsive Sprites And Media Query Efficiency

Powerful New CSS- and JavaScript Techniques

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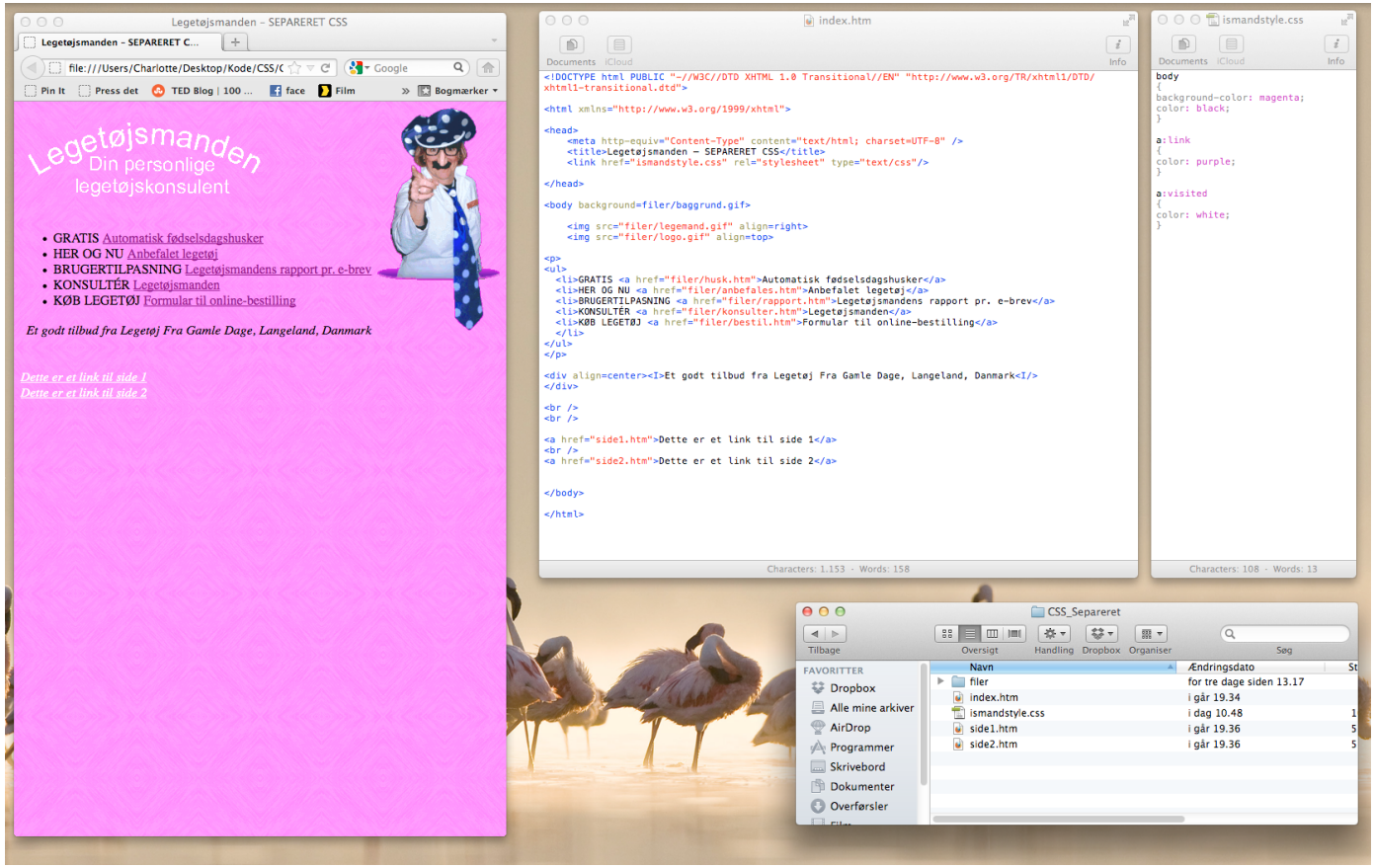
BROWSER VIEW

INDEX-FILE

CSS FILE



ROOT

OVERWRITING vs OVERRIDING

This is a discipline you need to master in order to get the most out of WordPress **child themes** ...

well, to get to most out of **tweeking** any CMS ...

actually: to get the most out of **anything** that has to do with online code production. Period.

Chris Courier: *Override Inline Styles with CSS*

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EXERCISE E
Internal CSS

- Dropbox > WEB Fall 2012 > CodeEXamples
- **Copy** folder 'EX_9_10_11' to your desktop
- Open Exercise9.html in your text editor
- **Make h1 blue and centered**
- **Make h2 red, *italic* and right aligned**
- Save as exercise9.html and upload to db-folder

EXERCISE F
External CSS

- Open Exercise10.html in your text editor
- Move the CSS code to an external style sheet
- **Make the background black**
- **Change text (and head lines) to white**
- Save index file as exercise10.html
- and the css file as ex10.css
- Place everything in a folder called Root_10
- and upload this folder to your Dropbox folder

EXERCISE G
Overwriting & Overriding

- Copy your Root_10 folder on your desktop
- Name the new folder Root_11
- **Turn h1 pink by overwriting CSS**
- **Turn h2 yellow by overriding CSS**
- **Overwrite '... stadig med linjeskift ...' to green**
- **Override '... stadig med horison....:' to silver**
- Save index file as exercise11.html
- Upload Root_11 to your Dropbox folder

CSS STILL A MYSTERY?

Go 2 w3School **and chew through it :o)**

Check if *Russ Weakley* 'speaks to you' – if he does, you can buy his pamphlet at *libris.dk*

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THE FAST & FURIOUS

Help your classmates / check out this *'js-course'*

```
<html>

  <head>

    <title>Mit univers i Cyber Space</title>

    <style type="text/css">
       h1
            {
            text-align: center;
            color: red;
            }

       h2
            {
            font-style: italic;
            text-align: right;
            color: magenta;
            }
    </style>

  </head>

  <body>

    <p>
      <h1>Nu med overskrift (h1)</h1>
    <br />... stadig med linjeskift ...
      <h2>Endnu en overskrift (h2)</h2>
    <br />... stadig med horisontal linje:
    <hr />
    </p>

  </body>

</html>
```

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BROWSERs

Download / Install – if you will:

Firefox

Chrome

Safari

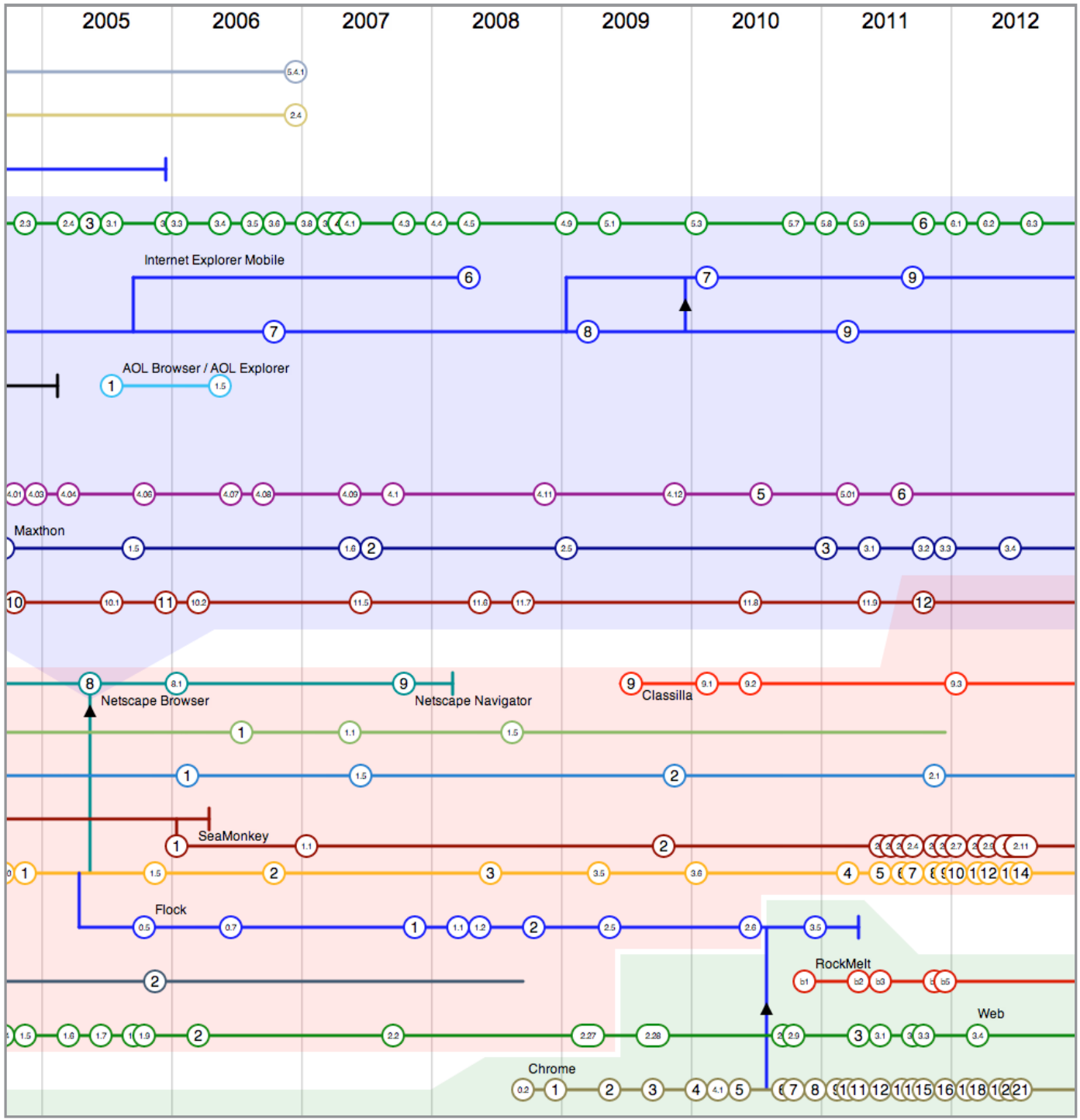
Explorer

Opera

iExplorer

SeaMonkey

– and you should be good to go



Check compatibility on *CanIUse*

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DELIVERABLE 2

Analyze & Evalueate 3 different CMS systems:

- *MODx*
- *DotNetNuke*
- a choice of your own

- Provide us with a (very) **short description** of each CMS – you may be efficient, and copy what descriptions you can find online (nudge-nudge 1: *Open Source CMS*, nudge-nudge 2: WordPress kitchen sink / remove codes from copied text)
- **Star rate** the three CMSs – 1 to 10 stars
- Put it all into your existing site map (from deliver-able one - the wordpress/drupalgardens.com site)
- Set it up in raw code ...

4470 votes cast

Category: CMS / Portals
Stable Release: 2.2.4-pl
Started In: 2005
Updated: June 25 2012
Native Language: English
License: GNU General Public License (GPL)

MODx Description

MODx is an open source CMS that helps you take control of your website. It makes updates easy, empowering end-users with as much control as you desire over website content and update frequency.

Techies call MODx a Content Management System (CMS for short). It's also a pretty schwanky Application Framework. A robust and flexible API and an event override system makes building engaging web projects and changing core functionality without hacking its code! a breeze.

Not only does MODx help you build sites fast, but it also hides its tremendous power unless it's needed. As far as end users know, MODx is just an easy-to-use CMS with tons of freely available resources and one heck of an end user community.

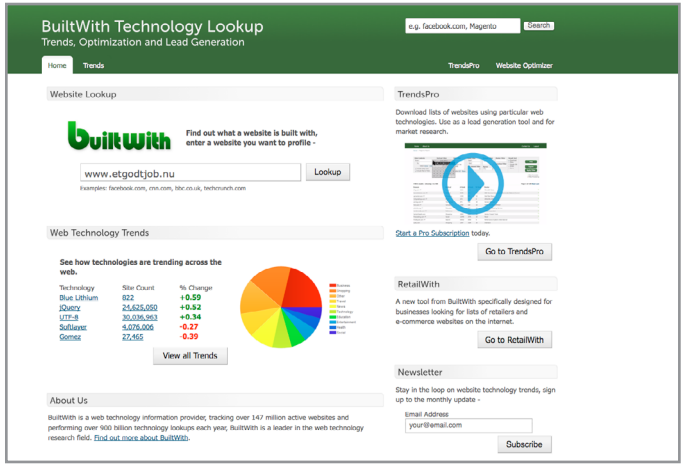
Seen something you like on line?

Want to find out which CMS – if any – was used?
Try these tools – No guarantees :o)

Built With
Scritch

WeppAlyzer
- *Further information*
- *Downloads*
- *'specially for Firefox*

Chrome Sniffer


BuiltWith Technology Lookup
Trends, Optimization and Lead Generation
Website Lookup
Find out what a website is built with, enter a website you want to profile -
www.etgodtjob.nu
Lookup
TrendsPro
Download lists of websites using particular web technologies. Use as a lead generation tool and for market research.
Go to TrendsPro
Web Technology Trends
See how technologies are trending across the web.
View all Trends
RetailWith
A new tool from BuiltWith specifically designed for businesses looking for lists of retailers and e-commerce websites on the internet.
Go to RetailWith
Newsletter
Subscribe
About Us

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